

GREGG THOMAS WAUGH

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Date of Birth: 24 February 1953
Family: Wife: Lisa
Children: Justin (20), Kevin (18)
Andrew (13) & Margaret (7)
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PROFESSIONAL EXPERIENCE

South Atlantic Fishery Management Council, Charleston, South Carolina

Deputy Executive Director 1989-Present

- Provide strong leadership for technical staff; demonstrate ability to handle conflict in diplomatic and effective manner
- Act as executive director in his absence
- Organize development of office computer network and overhead projection system. Computer system is network of ten Macintosh computers and one DOS computer. Technical staff members write and edit documents electronically. Projection system used extensively during meetings; SAFMC first to project motions during Council meetings
- Assist in scheduling and arranging Council and committee meetings
- Direct and supervise technical staff; conduct employee evaluations for technical staff; coordinate technical activities necessary to accomplish fishery management goals
- Assist in budget preparation, employee interviews and employee hiring
- Oversee all aspects of Plan preparation, review, implementation, monitoring and amendments
- Ensure documents meet RIR and EIS requirements
- Oversee development of Council's capability to conduct Social Impact Analyses; recruited a Cultural Anthropologist; SAFMC is only Council to have this capability on staff
- Perform chief technical staff duties for Golden Crab and Spiny Lobster FMPs; past fishery management plan responsibilities include mackerel, bluefish, calico scallops and swordfish
- Represent Council on the following committees:
 - NMFS/Council Operations Team to prioritize data collection and research
 - Monitoring Committees with the Gulf, Mid-Atlantic and New England Councils
 - Atlantic Coastal Cooperative Statistics Program (ACCSP) Operations Committee
- Perform fishery biologist/statistician duties as described below

Fishery Biologist/Statistician/Supervisor 1986-Present

- Supervise technical staff; function as executive director in absence of executive director; perform all fishery biologist/statistician duties as described below
- Participate in budget preparation, employee interviews and employee hiring
- Conduct employee evaluations for technical staff

Fishery Biologist/Statistician 1980-Present

- Perform biologist/statistician duties for SAFMC
- Conduct applied research related to fishery management
- Compile and analyze socioeconomic and other technical data
- Coordinate and review manuscript preparation
- Assist in development of quantitative models; develop operations research type models for fishery analysis
- Review and supervise technical resource data

- Perform duties of preparing individually assigned plans including review, implementation, monitoring and amendments
- Determine research needed to strengthen management data base for each fishery and design approach to address research needs
- Prepare technical justification to request programmatic funding
- Evaluate proposals in response to contract bids; serve as Contract Officer's Technical Representative to coordinate and monitor information contracted for by Council
- Serve as contact person with government agencies, universities, and others to inform them of Council activities and request consideration for research and data collection in areas that would benefit Council FMP preparation

Caribbean Research Associates, Charleston, South Carolina

President

1979-Present

A multi-disciplinary firm with expertise in mariculture; traffic studies; fishery biology, development and management; socioeconomic research; and small island studies. Projects include:

- Estimation of boating traffic on a waterway near a planned marina for Arvida Corporation, Coral Gables, Florida
- Economic evaluation of waterborne transportation for planned redevelopment of south Miami Beach for South Shore Redevelopment Agency, Miami, Florida
- Preliminary investigation of spiny lobster fishery, Panulirus guttatus, in Bermuda for the Government of Bermuda
- Compilation of population parameters for spiny lobster and development of Spanish and king mackerel fishery profile in Florida for Centaur Associates, Inc., Washington, DC
- Redrafting Spiny Lobster FMP for SAFMC

University of Miami, Rosenstiel School of Marine and Atmospheric Science

Research Assistant

1978-79

Conducted research to evaluate social and economic effects of implementing limited entry into Florida spiny lobster fishery. Project funded by the Ford Foundation.

Research Assistant

1974-75

Research to evaluate aspects of fishery resources of Eastern Gulf of Mexico utilizing fish egg and larval survey techniques. Responsible for data analysis and sorting field collections.

International Oceanographic Foundation, Miami, Florida

Editorial Staff Assistant

1975

Researched scientific background for material to be published and responded to reader inquiries.

Bahamas

Fishery Biology and Marine Biology Instructor

1976-78

Eight Mile Rock High School and West End High School, Ministry of Education, Freeport, Bahamas. Taught fisheries biology, marine biology and developed syllabus for the government school system.

Research Assistant**1971**

Walker's Cay Research Laboratory, Walker's Cay, Bahamas. Responsible for field collection, rearing and maintenance of juvenile stone crabs and other organisms.

INTERNATIONAL EXPERIENCE

Gulf and Caribbean Fisheries Institute (GCFI)

- The Gulf and Caribbean Fisheries Institute is an apolitical, multidisciplinary organization that has provided an annual forum (meeting and published proceedings) for Caribbean and U.S. researchers, fishermen, administrators and managers for over 40 years
- Participants come from over 30 different countries throughout the Americas, Europe and Asia
- Member, Board of Directors
- Make meeting site and hotel arrangements
- Co-editor of annual proceedings
- Past responsibilities: organizing workshops and field training
- An example of GCFI's utility as an apolitical body was the special session arranged for U.S. swordfishermen and Ministers and Fisheries Officers of various Caribbean Nations

International Commission for the Conservation of Atlantic Tunas (ICCAT)

- Served as SAFMC technical representative on swordfish working group during the Council's development of swordfish management plan

Food and Agriculture Organization (FAO)

- Served as technical consultant on working group to develop fishery management options for the Lesser Antilles

South Carolina Sea Grant Consortium

- Served as consultant in Program for International Cooperation in Marine Development through which Sea Grant expanded involvement in the Caribbean

Bahamas

- Resource person on fishery related matters for the Fisheries Department; provide technical information and expertise
- Developed position paper on use of "hookas" (diving apparatus) in the spiny lobster fishery with a representative of the Bahamian Government and a representative of the diving industry

CIVIC EXPERIENCE

President, Board of Trustees, Unity Church of Charleston

1994-Present

- Manage annual budget of \$192,000
- Developed and monitor five-year plan
- Responsible for ensuring smooth operation of church building and activities
- Participated with conflict resolution team to resolve issues related to church growth

EDUCATION

M.S. in Biological Oceanography with a major in Fisheries Biology. **May 1980**
Rosenstiel School of Marine and Atmospheric Science, University of Miami, Miami, Florida

B.S. in Biology with a major in Marine Sciences. **June 1974**
Florida Institute of Technology, Melbourne, Florida.

Honors and Scholarships:

Bahamas Government Scholarship 1970 - 1976. Scholarship to study abroad.

Bahamas National Trust Tolstoy Award 1976, 1979. Cash awards recognizing outstanding contributions towards understanding the natural resources of the Bahamas.

PROFESSIONAL MEMBERSHIP

- Bahamas National Trust - Member
- American Institute of Fishery Research Biologists - Associate Member
- Gulf & Caribbean Fisheries Institute
 - Member since 1974
 - Member, Board of Directors since 1981
 - Chairman, Board of Directors 1987/88 - 1989/90
- 1996 International Who's Who of Professionals

PUBLICATIONS

- Waugh, G. T. An essay: The spiny lobster. Bahamian Review 24(7): 50-51.
1976
- Waugh, G. T. Marine conservation in the Bahamas. Bahamas Air-Sea Rescue Association's
1976 (BASRA) Compass 5(1): 7, 9, 10.
- Waugh, G. T. and H. R. H. Waugh. An Economical method of trap fishing for spiny lobster,
1977 Panulirus argus, in the Bahamas. Proc. Gulf and Carib. Fish. Inst. 29: 160 - 165.
- Odell, D. K., J. E. Reynolds and G. Waugh. New records of the West Indian Manatee
1978 (Trichechus manatus) from the Bahama Islands. Biol. Conserv. 14: 289 - 293.
- Waugh, G. T. Population structure of juvenile spiny lobster, Panulirus argus, in the Grand
1978 Bahama area. In: Proc. Spiny Lobster Research Review. R. E. Warner (ed.).
Monroe County Marine Advisory Program, Tech. Paper No. 4. 56 pp.
- Waugh, G. T. and H. R. H. Waugh. An economical method of trap fishing for spiny lobster,
1978 Panulirus argus, in the Bahamas (Summary of research to date). In: Proc. Spiny
Lobster Research Review. R. E. Warner (ed.). Monroe County Marine Advisory
Program, Tech. Paper No. 4. 56 pp.
- Chitty, N. and G. T. Waugh. A preliminary investigation of the fishery for the spiny lobster,
1978 Panulirus guttatus, in Bermuda. Final Report to the Bermuda Biological Station.
Manuscript. 25 pp.
- Waugh, G. T. Growth, molting and mortality rates of the spiny lobster, Panulirus argus, in
1979 the western Bahamas. Final Report to Centaur Associates. Manuscript. 10 pp.
- Austin, C. B., G. T. Waugh, S. K. Chan and S. Bannerot. Boat traffic on the Coral Gables
1979 Waterway. Final Report to Arvida Corporation, Coral Gables, Florida. June.
30 pp.
- Austin, C. B., G. T. Waugh and S. K. Chan. A report to the South Shore Redevelopment
1979 Agency on an economic evaluation of waterborne transportation for Miami Beach
and between Miami Beach and selected sites in Dade County. Final Report to the
South Shore Redevelopment Agency, Miami Beach, Florida. July. 57 pp.
- Austin, C. B., P. L. Lutz, R. D. Brugger, J. C. Davis and G. T. Waugh. Draft proposal for a
1979 white crab, Cardisoma guanhumi, farming development program on Andros
Island Bahama Islands. RSMAS. University of Miami. Manuscript. 94 pp.
- Austin, C. B., G. T. Waugh and S. K. Chan. Ford Foundation spiny lobster data base.
1979 Report to the Ford Foundation. Manuscript. 163 pp.
- Austin, C. B., G. T. Waugh and S. K. Chan. A model to estimate the unrecorded catch based
1980 on recorded landings. Presented at the Fifth Annual meeting of the Coastal
Society, Newport, Rhode Island, November 6-8, 1979.
- Waugh, G. T. Population dynamics of juvenile spiny lobster, Panulirus argus, near Grand
1980 Bahama Island. Thesis. University of Miami. 195 pp.

- Austin, C. B., G. T. Waugh and S. K. Chan. Limited entry and management opinions of
1980 Florida spiny lobster fishermen. Report to the Ford Foundation. Manuscript.
133 pp.
- Waugh, G. T. Management of juvenile spiny lobster (*Panulirus argus*) based on estimated
1981 biological parameters from Grand Bahama Island, Bahamas. Proc. Gulf and
Carib. Fish. Inst. 33: 271 - 289.
- Waugh, G. T. Major management issues in the spiny lobster fishery. Proc. Workshop on
1984 Florida Spiny Lobster Research and Management, August 1984. Florida State
University Marine Laboratory and Florida Sea Grant College. Tech. Paper No.
32: 13 - 14.
- Wilkin, R. M., M. H. Goodwin and G. T. Waugh. Spiny lobster management program in St.
1986 Kitts/Nevis. Proc. Gulf and Carib. Fish. Inst. 37: 87 - 90.
- Berkeley, S. A. and G. T. Waugh. Considerations for regional swordfish management. Proc.
1989 Gulf and Carib. Fish. Inst. 39: 171 - 180.
- Waugh, G. T. Report of the ICCAT swordfish workshop. Proc. Gulf and Carib. Fish. Inst.
1991 40: 29 - 32.
- Waugh, G. T. Status of current and future management of the snapper grouper resource in the
1994 South Atlantic. Proc. Gulf and Carib. Fish. Inst. 44.

**Fishery Management Plans, Source Documents and Profile Documents for
which I had a major responsibility in writing:**

- Profile of the Penaeid Shrimp Fishery in the South Atlantic.
1981
- Profile of the Calico Scallop Fishery in the South Atlantic and Gulf of Mexico.
1981
- Fishery Management Plan, Environmental Impact Statement and Regulatory Impact Review
1982 for Spiny Lobster in the Gulf of Mexico and South Atlantic.
- Source Document for the Snapper-Grouper Fishery of the South Atlantic Region.
1983
- Fishery Management Plan, Regulatory Impact Review, and Final Environmental Impact
1983 Statement for the Snapper-Grouper Fishery of the South Atlantic Region.
- Source Document for the Swordfish Fishery Management Plan.
1985
- Fishery Management Plan, Regulatory Impact Review, Initial Regulatory Flexibility Analysis
1985 and Final Environmental Impact Statement for Atlantic Swordfish.
- Final Amendment 1 to the Fishery Management Plan and Environmental Impact Statement for
1985 the Coastal Migratory Pelagic Resources (Mackerels).

- Revised Amendment 2 to the Fishery Management Plan for the Coastal Migratory Pelagic
1987 Resources (Mackerels). Includes Environmental Assessment, Supplemental
Regulatory Impact Review, and Initial Regulatory Flexibility Analysis.
- Regulatory Amendment Number 1 to the Fishery Management Plan for the Snapper Grouper
1987 fishery of the South Atlantic Region.
- Amendment Number 1 to Spiny Lobster Fishery Management Plan for The Gulf of Mexico and
1989 South Atlantic including Environmental Assessment, Supplemental Regulatory
Impact Review, and Initial Regulatory Flexibility Analysis.
- Final Amendment Number 1 and Environmental Assessment and Regulatory Impact Review
1988 to the Fishery Management Plan for the Snapper Grouper fishery of the South
Atlantic Region.
- Regulatory Amendment Number 2 to the Fishery Management Plan for the Snapper Grouper
1988 fishery of the South Atlantic Region.
- Amendment 2 to the Fishery Management Plan for Spiny Lobster in The Gulf of Mexico and
1989 South Atlantic including Environmental Assessment and Regulatory Impact
Review.
- Final Amendment 3 to the Fishery Management Plan for the Coastal Migratory Pelagic
1989 Resources (Mackerels) of the Gulf of Mexico and the South Atlantic (includes
Environmental Assessment and Regulatory Impact Review).
- Final Amendment 4 to the Fishery Management Plan for the Coastal Migratory Pelagic
1989 Resources (Mackerels) of the Gulf of Mexico and the South Atlantic (includes
Environmental Assessment and Regulatory Impact Review).
- Regulatory Amendment Number 3 to the Fishery Management Plan for the Snapper Grouper
1989 fishery of the South Atlantic Region.
- Resubmission of Disapproved Measures: Amendment 3 to the Fishery Management Plan for
1990 the Coastal Migratory Pelagic Resources (Mackerels) of the Gulf of Mexico and
the South Atlantic (includes Environmental Assessment and Regulatory Impact
Review).
- Amendment Number 5 to the Fishery Management Plan for the Coastal Migratory Pelagic
1990 Resources (Mackerels) (includes Environmental Assessment and Regulatory
Impact Review).
- Amendment Number 2 (Jewfish), Regulatory Impact Review, Initial Regulatory Flexibility
1990 Analysis and Environmental Assessment for the Fishery Management Plan for the
Snapper Grouper Fishery of the South Atlantic Region.
- Amendment Number 3 (Wreckfish), Regulatory Impact Review, Initial Regulatory Flexibility
1990 Analysis and Environmental Assessment for the Fishery Management Plan for the
Snapper Grouper Fishery of the South Atlantic Region.
- Amendment Number 4, Regulatory Impact Review, Initial Regulatory Flexibility
1991 Analysis and Environmental Assessment for the Fishery Management Plan for the
Snapper Grouper Fishery of the South Atlantic Region.

Amendment Number 5 (Wreckfish), Regulatory Impact Review, Initial Regulatory Flexibility
1991 Determination and Environmental Assessment for the Fishery Management Plan
for the Snapper Grouper Fishery of the South Atlantic Region.

Regulatory Amendment 4 (SC SMZs) to the Fishery Management Plan for the Snapper
1992 Grouper Fishery of the South Atlantic Region.

Regulatory Amendment 5 (Black sea bass pots) to the Fishery Management Plan for the
1992 Snapper Grouper Fishery of the South Atlantic Region.

Amendment Number 6, Regulatory Impact Review, Initial Regulatory Flexibility Analysis
1993 and Environmental Assessment for the Fishery Management Plan for the Snapper
Grouper Fishery of the South Atlantic Region.

Amendment Number 7, Regulatory Impact Review and Environmental Assessment for the
1994 Fishery Management Plan for the Snapper Grouper Fishery of the South Atlantic
Region.

Amendment Number 4 to the Fishery Management Plan for Spiny Lobster in the Gulf of
1995 Mexico and the South Atlantic, including a Regulatory Impact Review and an
Environmental Assessment.

Fishery Management Plan for the Golden Crab Fishery of the South Atlantic Region, including
1995 a Regulatory Impact Review, an Environmental Assessment, and a Social Impact
Assessment.